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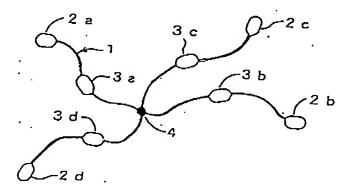


Fig. 1.

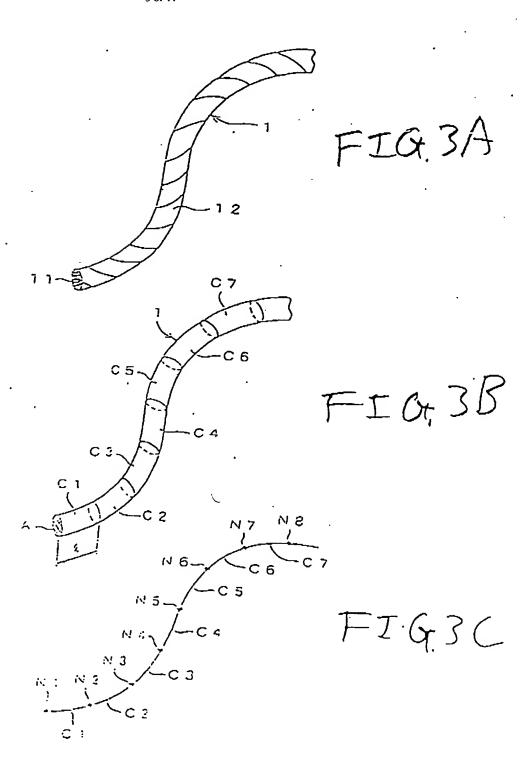
147.5

	CONSTRAINED	SIXVX	X 1810				
	DECREE OF FREEDOM	DIRECTION	DIRECTION	Z·AXIS DIRBCTION TRANSLATION	ROTATION AROUND X-AXIS	ROTATION AROUND Y-AXIS	ROTATION AROUND Z-AXIS
	SUPPORTING						
COMPLETE	CONNECTOR	IMPOSSIBLE	MPOSCINI				
COMPLETE				IMPOSSIBLE	IMPOSSIBLE	IMPOSSIBLE	IMPOSSIBLE
COMSTRAINED		SAIDSSINLE	IMPOSSIBLE	IMPOSSIBLE	IMPOSSIBLE	TMINOCELLET	
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ROTATABLE V	CLIP		37(1)CSO 1)INT	IMPOSSIBLE	MPOSSIBLE	IMPOSSIBLE	Poseinia
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COMPLEMENT V	CI.IP					STRICO THE	POSSIBLE
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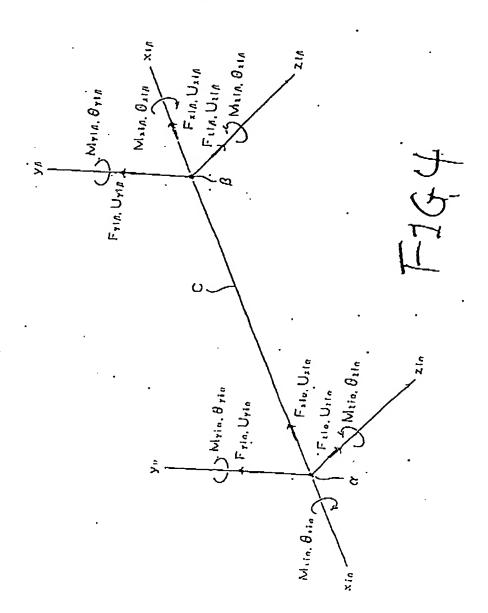
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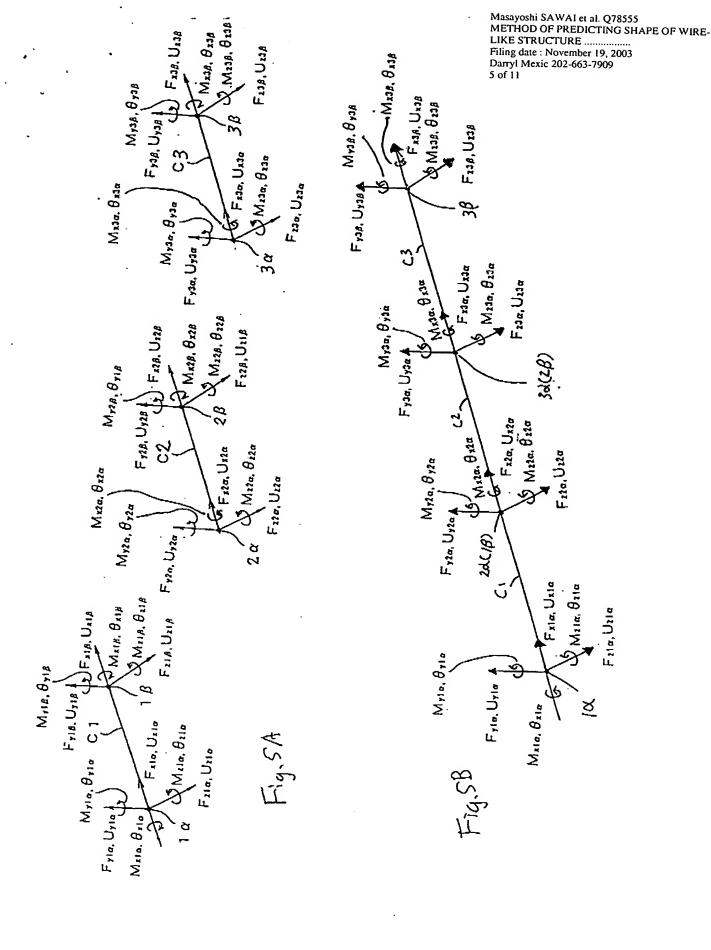
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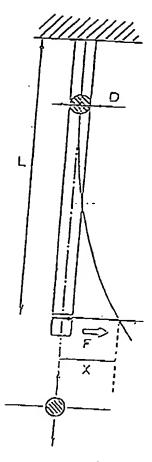


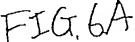
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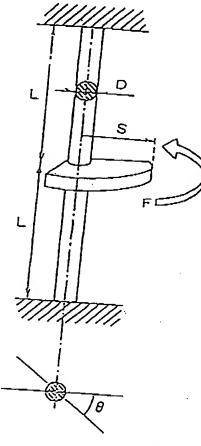








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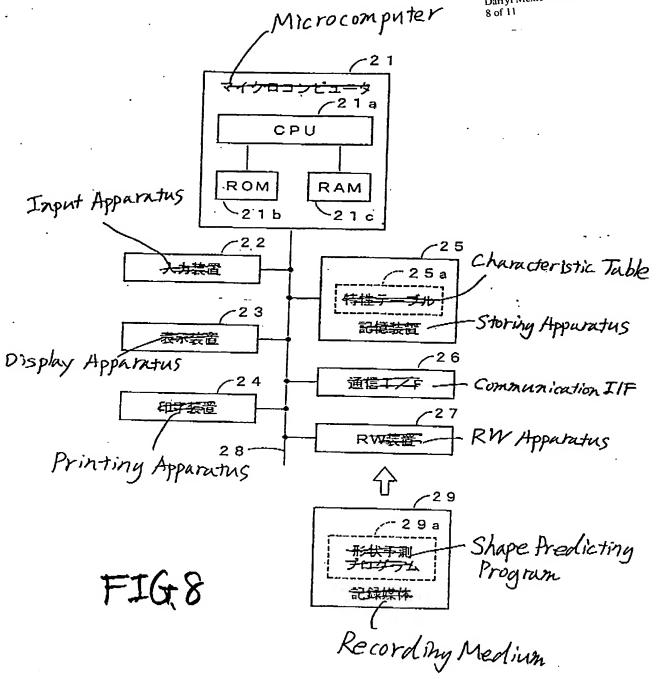


.FJG.6B

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	:	•			-	
STATE OF LAST	12 WH DIAMETER 11-15	14				•
WIH DIAMETER 6.10	12				•	•
W/H DIAMETER 1.6	10	20	30	•		
되		TADE WOUND 1	AALE:WOUND 2	•		

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S1 DRAW SHAPE IN CORRESPONDENCE WITH MANUAL OPERATION,

S2 EXTRACT SHAPE CHARACTERISTIC,

平地球を示められた状態を指揮

S3 CALCULATE MATERIAL CHARACTERISTIC,

S4 EXTRACT CONSTRAINING CONDITION,

**S** 3

**安全在** 

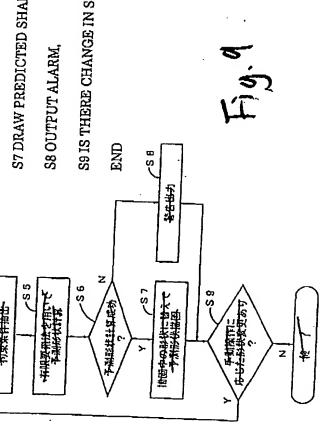
罗安本和指针

S5 CALCULATE PREDICTED SHAPE BY USING FEM,

S6 SUCCESSFUL IN CALCULATING PREDICTED SHAPE?,

S7 DRAW PREDICTED SHAPE IN PLACE OF SHAPE BEING DRAWN,

S9 IS THERE CHANGE IN SHAPE IN CORRESPONDENCE WITH MANUAL OPERATION?,



START

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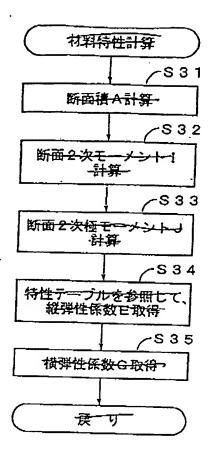


Fig. 10

MATERIAL CHARACTERISTIC CALCULATION

S31 CALCULATE SECTIONAL AREA A

S32 CALCULATE MOMENT OF INERTIA I

S33 CALCULATE POLAR MOMENT OF INERTIA G

S34 ACQUIRE LONGITUDINAL MODULUS OF ELASTICITY E

IN REFERENCE TO CHARACTERISTIC TABLE

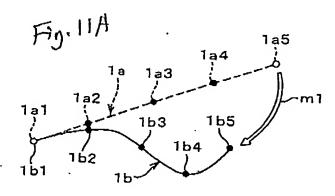
S35 ACQUIRE TRANSVERSE MODULUS OF ELASTICITY G

RETURN

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161



1b4

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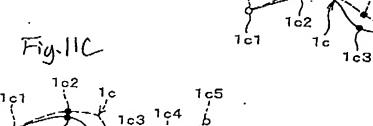


Fig11D